



## **TFT-LCD TV**

**W150TCI**





## **USER MANUAL**

READ CAREFULLY  
BEFORE OPERATION



## IMPORTANT SAFETY INSTRUCTIONS

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 <div data-bbox="483 600 722 712"><b>CAUTION</b> RISK OF ELECTRIC SHOCK. DO NOT OPEN.</div> 	<b>TO PREVENT ELECTRICAL SHOCK. DO NOT REMOVE THIS COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</b>
 <b>This symbol indicates " dangerous voltage " inside the product that presents a risk of electric shock or personal injury.</b>	 <b>This symbol indicates important instructions accompanying the product.</b>

Please read this manual carefully before using this product.

- Before connecting the AC power cord to the DC adapter outlet ,make sure the voltage designation of the LCD TV corresponds to the local electrical supply . If you are unsure of your power supply , ask your local power company .
- Never insert anything metallic into the cabinet openings of the LCD TV; otherwise may cause the danger of electric shock.
- To avoid electric shock, never touch the inside of the LCD TV / adapter. Only a qualified technician should open the case of the LCD TV/adapter.
- Never use your LCD TV/adapter when the power cord has been damaged . Make sure there is nothing resting on the power cord, and keep the cord away from places where people can trip over it .
- Be sure to hold the plug, not the cord when disconnecting the adapter from an electric socket.
- Openings in the LCD TV/adapter cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the LCD TV on a bed ,sofa ,rug, or other soft surface. As this, may block the ventilation openings in the bottom of the cabinet. If you put the LCD TV in a bookcase or some other airless space, be sure to provide adequate ventilation.
- Do not expose the LCD TV to extreme temperature conditions or to extreme humidity conditions.
- The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

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- Do not clean the front with keton-type materials (e.g. Acetone ), ethyl alcohol, toluene, ethyl acid, methyl, or chloride-these may damage the panel.
- Locate your DC adapter near an easily accessible AC outlet.
- If your LCD TV does not operate normally in particular, if there are any unusual sounds or smells coming from it, unplug it immediately and contact an authorized dealer or service center.
- High temperature can cause problems. Don't use your LCD TV in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.
- Unplug the DC adapter when it is going to be left unused for a long time .
- To reduce the risk of fire or electric shock, and annoying interference, use the recommended accessories only.
- If the LCD TV is broken, do not try to repair it yourself. Contact qualified service personnel.
- Unplug your DC adapter from the AC outlet before any service.
- Be sure the service technician uses authorized replacement parts or their equivalents. Unauthorized parts may cause fire, electrical shock, or other hazards.
- Following any service or repair, be sure the service technician performs safety checks to certify that your TFT-LCD TV is in a safe operating order.
- The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

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## SPECIFICATIONS

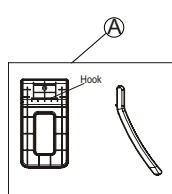
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## DISPLAY MODE

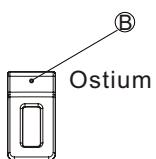
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## INSTALLATION

### NORMAL INSTALLATION

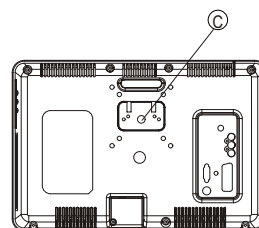


Kickstand



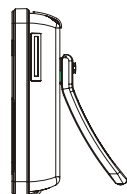
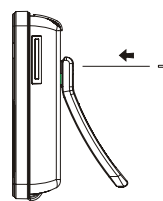
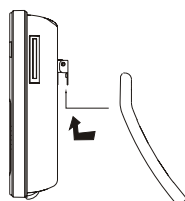
Ostium

M4×10  
Screw 1pcs

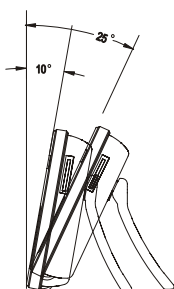
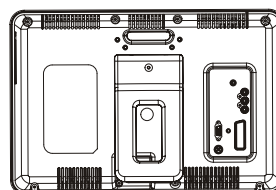


Rear viewing of LCD TV

- 1, Hook the tache (labeled A) of the kickstand onto the plate (labeled C).
- 2, Tighten the screws (M4×10) through the ostium (labeled B).
- 3, Figure ① shows the finished installation. The kickstand can rotate 15 -degree.

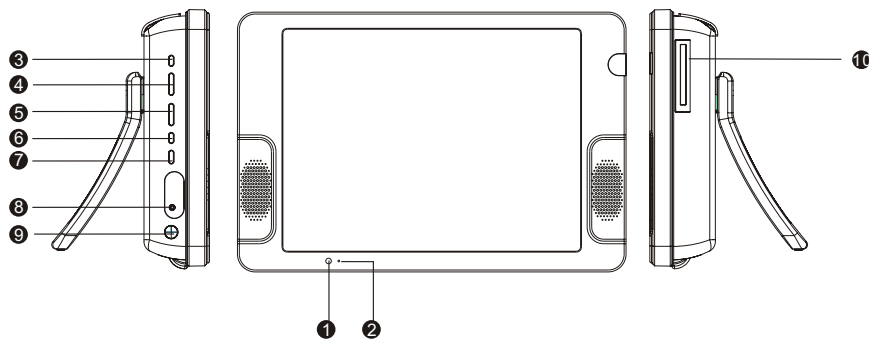


①



# PANEL BUTTON FUNCTIONS

## PANEL CONTROL



### Front panel

- ① IR sensor window
- ② Indicator (Indicator is red when in standby mode, green when working normally.)

### Left panel

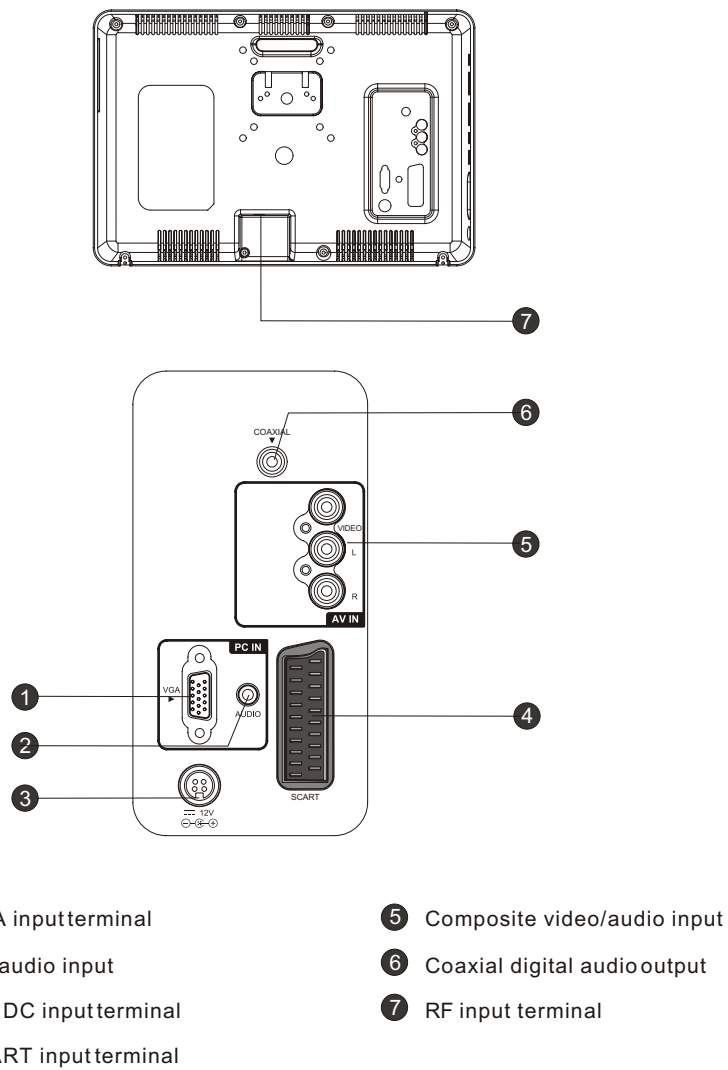
- ③ **SETUP** (Enter or exit setup menu)
- ④ **VOL+/-** (Increase or decrease volume)
- ⑤ **CH+/-** (Increase or decrease channel number)
- ⑥ **SOURCE** (Enter to exit source menu)
- ⑦ **STANDBY** (To switch between standby mode and power-on mode)
- ⑧ Headphone jack
- ⑨ **POWER** (Turns on or off the power supply).

### Right panel

- ⑩ PCMCIA CARD (Slots for external Conditional Access (CA)-modules).

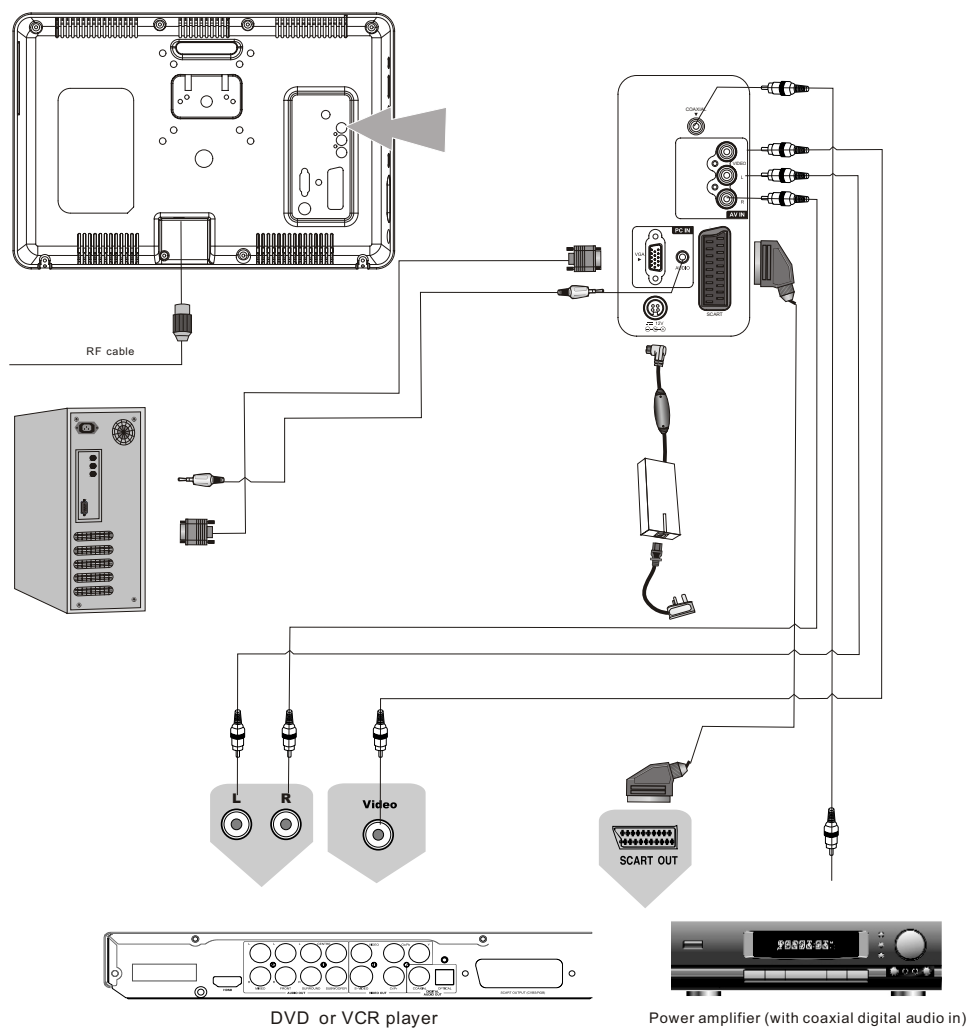
## PANEL BUTTON FUNCTIONS

### REAR PANEL



## EXTERNAL EQUIPMENT

### CONNECTING DIAGRAM



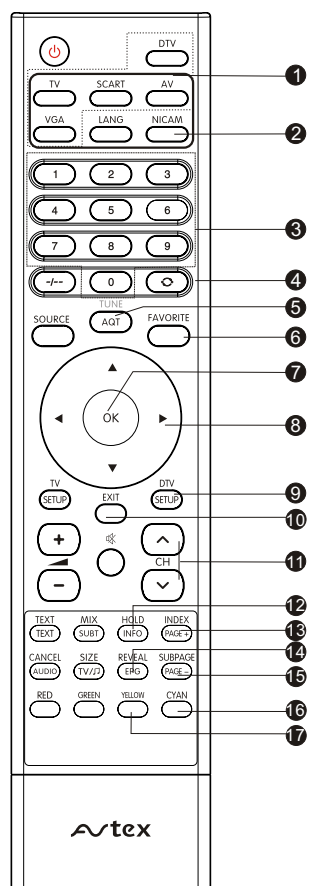
### NOTE

You should connect the interconnecting cables BEFORE plugging in the power cord.



# REMOTE CONTROLLER

## REMOTE BUTTONS

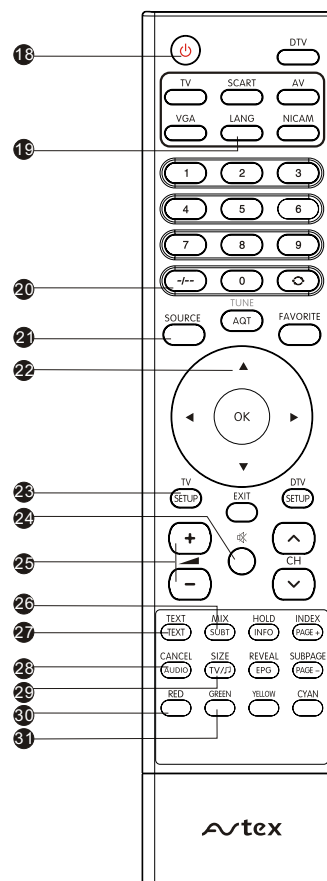


- 16 **CYAN**  
CYAN button.
- 17 **YELLOW**  
YELLOW button.

- 1 **Direct source buttons**  
Select signal source directly: DTV, TV, SCART, AV, VGA.
- 2 **NICAM**  
Switch in NICAM, A2 and mono channel (It is effective in TV signal input with NICAM or A2 function).
- 3 **Number button**  
To select program number.
- 4 **RETURN**  
To exchange channel between the previous program and the current program in TV and DTV.
- 5 **TUNE/AQT**  
Long press (more than 3 seconds) the button to start autoscanning in TV/DTV.
- 6 **FAVORITE**  
Display your favorite channel list in DTV.
- 7 **OK button**  
To confirm the selections.
- 8 **Left/Right cursor (menu adjustment)**  
To move leftward/ rightward or adjust the selected item in the menu, or adjust sound volume (invalid in DTV).
- 9 **DTV SETUP**  
Enter or exit setup menu.
- 10 **EXIT**  
To exit current menu except MUTE menu.
- 11 **CHANNEL +/-**  
To increase or decrease program number in TV/DTV.
- 12 **HOLD/INFO**  
To stop teletext on current page/To display the language and soundtrack in DTV.
- 13 **INDEX/PAGE+**  
To display main content page when playing the teletext in TV/browse the next page of favorite table in DTV.
- 14 **REVEAL/EPG**  
Display the hidden teletext information /To display the program guide in DTV.
- 15 **SUBPAGE/PAGE-**  
To display the subpage of the teletext in TV/ browse the previous page of favorite in DTV.

## REMOTE CONTROLLER

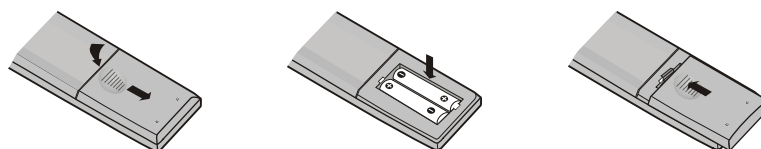
- 18 STANDBY**  
To switch between standby mode and power-on mode.
- 19 LANG**  
To switch the output language in DTV.
- 20 TWO-DIGIT NUMBER BUTTON**  
To switch between one or two-digit program number.
- 21 SOURCE**  
To select input source: TV, DTV, AV, SCART, VGA.
- 22 UP/DOWN cursor**  
To select upward/downward in the menu or change the channel in TV/DTV.
- 23 TV SETUP**  
To display system menu.
- 24 MUTE**  
Sound mute switch.
- 25 Volume +/-**  
To increase or decrease sound volume.
- 26 MIX/SUBT**  
To display TV and teletext in the simultaneously /Selects the subtitle language in DTV.
- 27 TEXT/TEXT**  
To enable or disable the function of teletext.
- 28 CANCEL/AUDIO**  
To cancel teletext in TV/To change the audio language and sound track in DTV.
- 29 SIZE/TV/**  
To magnify teletext page/To switch between TV and Radiomodes in DTV.
- 30 RED**  
RED button.
- 31 GREEN**  
Green button.



## REMOTE CONTROLLER

### BATTERY INSTALLATION

Remove the battery cover. Insert two SUM-4(AAA) batteries matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment, as in the following figure:



### BATTERY LIFE

- Generally speaking, the battery may be used for one year, but the battery life is also related to the usage times and remote controller operation.
- If the remote controller is still not operating when very near to the remote sensor window, please replace the battery.
- Please use SUM-4(AAA) battery.

### NOTES

- Never use rechargeable battery.
- Never charge, short-circuit, disassemble and heat the battery, or throw it into fire.
- Pay attention not to fall or knock the remote controller, which may cause damage or function failure to it.
- Do not use new and old battery together.
- When not using the remote controller for a long time, please take out the batteries to avoid liquid leakage. Before replacing new batteries, please clean the electrolyte in the remote controller.
- If electrolyte splashes into body, please clean it with water.

### CAUTION:

Please put the battery in a place children cannot access. If swallowed by accident, please contact your local doctor immediately.

### POWER SUPPLY

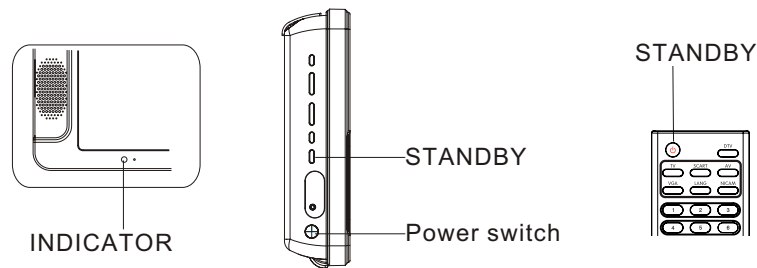
- Please confirm whether the accessories contain the power adapter.
- Please make sure to use power adapter within the specification range, otherwise it will cause damage.
- Use the car adapter in the accessories, connect one end to the socket in your car, the other to the DC socket in the TV.
- The input voltage of the car adapter should be 12Volts.

## LET'S START

After this unit is well fixed on the desk or on the wall, and the cords are well connected for input and output, what you should do next is:

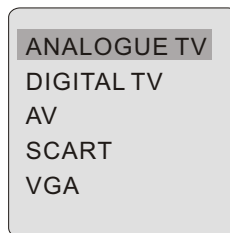
Firstly, connect the adapter to the LCD TV, and turn on the power switch then the unit will go into standby mode, you can see the indicator turned red.

Secondly, press [STANDBY] key on the left side of the LCD TV or [STANDBY] button on the remote control to make the unit switch into working mode, and you will see the indicator turns green. Now you can enjoy all exciting features of the whole new product.



## CHANGE SOURCE OPERATION

You can change the input source by using the source Menu. Press [SOURCE] button or [SOURCE] key to show the menu as follows:



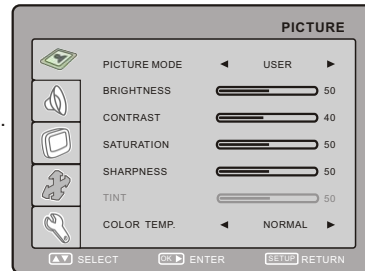
The current source item is highlighted. Press [▲/▼] button on the remote control or [CH+ /CH-] key to select the source you want, Press [◀/▶] button, [VOL+/VOL-] key or [OK] button to confirm your choice.

## TV MENU SETUP


This product can store up to 100-channel programs(0~99).

In TV, press [SETUP] button and the setup menu will show as follows:

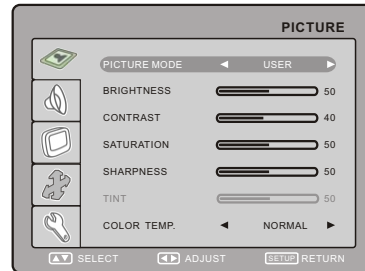
- Pressing [▲/▼] button on the remote control, you can select setup menu sections (setup menu consists of " PICTURE ", " SOUND ", " TV SETUP ", " OSD SETUP ", " FUNCTION "). Press [ ► ] or [OK] button to enter this menu section.
- Press [▲/▼] button on the remote control to select the item, and then press [◀/▶] button to adjust parameters. Press [SETUP] button to return to main menu sections.



### PICTURE

Select "  " and menu will show as follows:

Press [▲/▼] button to select different items and [◀/▶] button to adjust them.



Item	Description
PICTURE	Can be changed between : "USER ", "STANDARD ", "DYNAMIC " and "SOFT".
BRIGHTNESS	To adjust brightness.
CONTRAST	To adjust contrast.
SATURATION	To adjust color saturation.
SHARPNESS	To adjust picture sharpness.
TINT	To adjust picture tint, only valid in N 3.58/N 4.43/PAL60 .
COLOR TEMP.	Select color temperature mode : "NORMAL ", " WARM "and "COOL ".

## TV MENU SETUP

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### NOTE

Select "BRIGHTNESS " to adjust it, the sub item will show as follows :  
press [◀/▶] button to adjust the value of brightness.

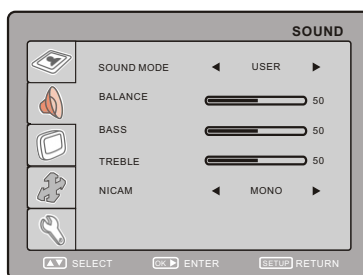


"CONTRAST", "TINT", "SHARPNESS", "SATURATION" are as the same.  
If you have adjusted the upper items not at "USER" mode, the adjusted value will automatically overlay the "USER" mode parameters.

## TV MENU SETUP

### SOUND

Select " " and menu will show as follows:



- Press [▲/▼] button to select different items and press [◀/▶] button to adjust them. The following are the descriptions of the sound item.

Item	Description
SOUND MODE	Can be changed between "USER", "MUSIC", "FILM" and "NEWS".
BALANCE	To adjust balance of left and right sound channels.
BASS	To adjust bass.
TREBLE	To adjust treble.
NICAM	Select NICAM mode (please refer to the notes).


### NOTES

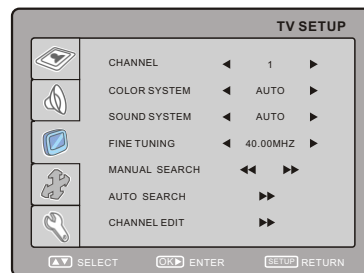
If you can receive Nicam/A2 signal, you can operate as follows to enjoy that.

- You can select Nicam stereo, mono channel or bilingual through NICAM button or in the upper menu. If Nicam/A2 signal is too weak, it will switch into mono channel automatically.
- Nicam/A2 function is only valid in TV while current program coming with Nicam/A2 signal.

# TV MENU SETUP

## TV SETUP

Select "  " and TV setup menu will show as follows:



- Press [▲/▼] button to select different items and press [◀/▶] button to adjust them.

Item	Description
CHANNEL	To change the channel number.
COLOR SYSTEM	Can be changed between: "AUTO", "PAL" and "SECAM".
SOUND SYSTEM	Can be changed between: "AUTO", "BG", "I", "DK" and "L".
FINE TUNING	Adjust the channel frequency accurately to make the sound and picture effect better.
MANUAL SEARCH	Only scan program of current channel.
AUTO SEARCH	Scan all programs and store them automatically.
CHANNEL EDIT	Enter its submenu and use the correlative functions of the channels. Please refer to the next page.

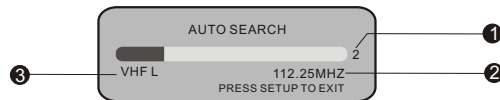
## NOTES

- Which "COLOR SYSTEM" mode and "SOUND SYSTEM" mode to use is related to the local TV broadcasting system.
- If the local system is SECAM L, the sound system must be selected as L, or else the search result is bad.

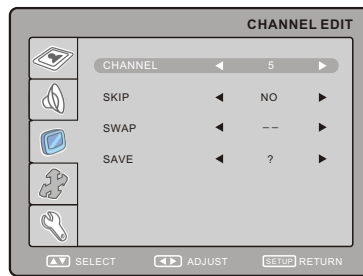


## TV MENU SETUP

- Select "AUTO SEARCH ", the searching menu will show as follows:



- ① The number of programs have been found.
  - ② The current searching frequency.
  - ③ The current searching frequency Band, 3 Bands in total: "VHF L", "VHF H", " UHF".
- Select "CHANNEL EDIT ", the menu will show as follows:



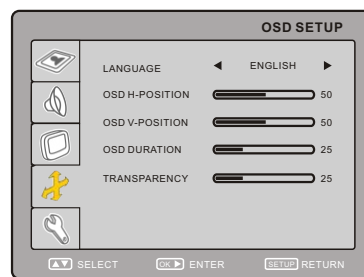
Item	Description
CHANNEL	To select current channel here.
SKIP	To select "YES " or "NO ", you can select "YES " to make current channel unaccessible while using [CH+/-] button to browse channels (but you can access it in the TV SETUP menu or this menu).
SWAP	Select or directly input the channel number you want to swap with current channel.
SAVE	Press the [OK] button to confirm the swap operation.

## TV MENU SETUP

### OSD SETUP

You can adjust the relative parameters of OSD itself here.

Select "🔧" item and OSD SETUP menu will show as follows:



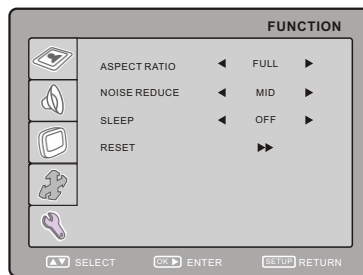
- Press [▲/▼] button to select different items and press [◀/▶] button to adjust them.

Item	Description
LANGUAGE	Set OSD language.
OSD H-POSITON	To adjust OSD horizontal position.
OSD V-POSITON	To adjust OSD vertical position.
OSD DURATION	To adjust the main menu display duration time.
TRANSPARENCY	To adjust transparency of OSD.

## TV MENU SETUP

### FUNCTION

Select "🔑" item and FUNCTION menu will show as follows:



- Press [▲/▼] button to select different items and press [◀/▶] button to adjust them.

Item	Description
ASPECT RATIO	To switch the video format between "FULL", "ZOOM", "NORMAL" and "LETTERBOX".
NOISE REDUCE	To reduce the noise of the image.
SLEEP	To set the sleep time.
RESET	To reset all parameters to default.

## TELETEXT FUNCTION

### TELETEXT FUNCTION

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information, etc.

You just input the needed teletext page according to the teletext content.

#### TELETEXT DISPLAY

- ◆ Select the channel with teletext signal;
- ◆ Press [TEXT] button;
- ◆ Select the corresponding page according to the colorized buttons on the remote control;
- ◆ Press [TEXT] again and TV screen will display.

#### PAGE SELECTION

- ◆ You can input 3 digital numbers to enter the page you want to watch through number buttons. If the inputted number is invalid, you need to input correct 3 digital numbers again after you finished inputting this 3 digital numbers.
- ◆ You can select to turn pages forward or backward through [CH+/-] button.

#### MIX MODE

This function may let you enjoy TV and teletext information at the same time.

- ◆ When a certain teletext page displays, press [MIX] button, TV and teletext information will display on screen at the same time.
- ◆ Press [MIX] button again and only teletext image displays.
- ◆ In mix mode, the disturbance lines on teletext characters are easy to appear, so you are not recommended to select this mode.

NOTE: Press [CANCEL] button to cancel teletext.

#### LOCK

You can press [HOLD] button to lock teletext page. Press this button again to cancel locking.

#### INDEX

Pressing [INDEX] button to display content page.

Enter a certain teletext page through inputting number buttons.

#### ZOOM IN TELETEXT

- ◆ When teletext page shows, you may double zoom in to display this teletext page;
- ◆ Press [SIZE] button to zoom in the upper half part of teletext page;
- ◆ Press [SIZE] button again to enter the under half part of teletext page;
- ◆ Press this button for the third time to return to original display mode.

#### DISPLAY MODE

Press [REVEAL] button to display the hidden teletext information. Press this button again to cancel teletext information displaying.

#### SUBPAGE

User could press [SUBPAGE] button to select to the subpage of teletext.

#### COLORIZED BUTTONS (RED, YELLOW, GREEN, CYAN)

Select the corresponding teletext page through colorized buttons.

## AV and SCART SETUP

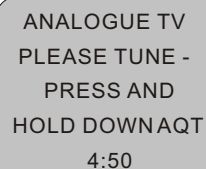
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### VIDEO SETTING MENU

The menu setup of AV/SCART modes is much the same as that of TV mode, except the " " section is invalid and a bit difference in sound mode. It is not repeated here. You can find it in preceding pages.

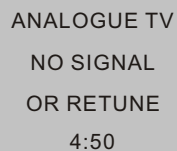
#### NOTE

In TV, if you first use the set or haven't tuned, the hint will display as follows:



ANALOGUE TV  
PLEASE TUNE -  
PRESS AND  
HOLD DOWN AQT  
4:50

While, if the input has no signal, the hint will display as this:



ANALOGUE TV  
NO SIGNAL  
OR RETUNE  
4:50

If no signal input in AV, SCART the screen will show a similar signal to the following figure.



AV  
NO SIGNAL  
4:50

This unit will go into standby mode automatically with no signal input after 5 minutes.


- If the input source is SCART, this unit will automatically recognise its RGB and CVBS signal. If RGB is recognised, it will auto switch into RGB mode, or else it will work at CVBS mode. The relative information will be automatically displayed on the right upper of the screen.

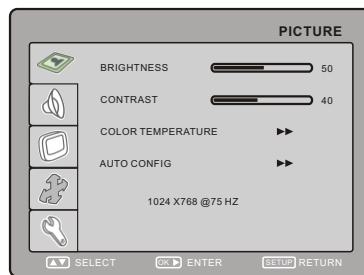
## VGA SETUP

With the VGA mode supported up to 1024\*768@75Hz, and speakers built in, you can use this unit as a multimedia PC monitor. When this unit works in VGA mode, the following setup can be done.

Press [SETUP] button to enter main section. Press [▲/▼] button to select sections and then press [▶] button or [OK] button to enter.

### PICTURE

Press [▲/▼] button to select "  ", and press [▶/OK] button to enter.

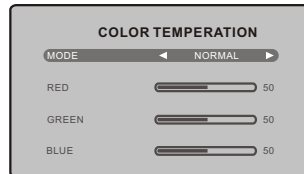


Press [◀/▶] button to adjust value of item.

Item	Description
BRIGHTNESS	To adjust brightness of picture .
CONTRAST	To adjust contrast of picture .
COLOR TEMPERATURE	Enter sub menu to adjust color temperature of picture. Press [ ▶/OK ] button to enter.(details refer to the next page)
AUTO CONFIG	Auto config horizontal/vertical position, phase and frequency. Press [ ▶/OK] button to activate.
STATUS	The format of the input signal.

## VGA SETUP

Here shows the color temperature sub menu.



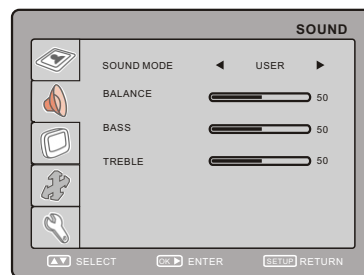
Press [▲/▼] button to select item and press [◀/▶] button to adjust the value of the item.

Item	Description
MODE	Select color temperature mode : "USER", "NORMAL", "WARM" and "COOL".
RED	Adjust red gain value of color temperature.
GREEN	Adjust green gain value of color temperature.
BLUE	Adjust blue gain value of color temperature.

**NOTE:** The adjust value will be stored in "USER" mode.

## SOUND


Press [▲/▼] button to select "🔊" and press [▶/OK] button to enter.

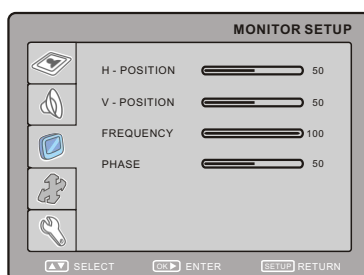


The operation of sound section here is the same as that in TV mode except the NICAM is invalid. Please refer to P11.

## VGA SETUP

### MONITOR SETUP

Press [▲/▼] button to select "  " and press [►/OK] button to enter.



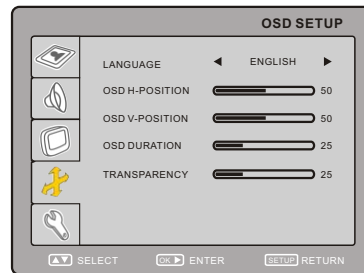
Item	Description
H - POSITION	To adjust screen horizontal position.
V - POSITION	To adjust screen vertical position.
FREQUENCY	To adjust frequency.
PHASE	To adjust phase.



## VGA SETUP

### OSD SETUP

Press [▲/▼] button to select " " and press [▶/OK] button to enter.



Press [▲/▼] button to select different items and press [◀/▶] button to adjust.

Item	Description
LANGUAGE	Select OSD language.
OSD H-POSITION	To adjust OSD horizontal position.
OSD V-POSITION	To adjust OSD vertical position.
OSD DURATION	To adjust the main menu display duration time.
TRANSPARENCY	Transparency of OSD.

### NOTE

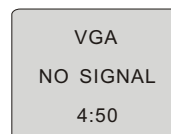
If you use this unit as a PC-monitor:

If no signal input, after 5 minutes, this unit will go into sleep mode.

In this mode, the indicator will turn red, and the screen is turned off.

You can wake it up by waking up your PC.

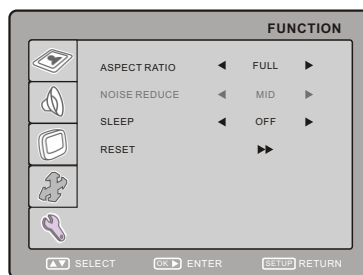
If the unit hasn't been connected with VGA line to external equipment, the CABLE NOT CONNECT menu will automatically display on the screen; and if the input signal is beyond the support scope, the MODE NOT SUPPORTED menu will automatically display on the screen. At these two occasions, after 5 minutes, the unit will enter real standby mode (you must use Power button or Power key to power it).



## VGA SETUP

### FUNCTION

Press [▲/▼] button to select "🔧", and press [▶/OK] button to enter.



Press [▲/▼] button to select different items and press [◀/▶] button to adjust .

Item	Description
ASPECT RATIO	Because the panel type is 4:3, here we only supply "FULL" for choosing.
NOISE REDUCE	Invalid in VGA.
SLEEP	To set the sleep time.
RESET	Reset all parameters default .

If the "SLEEP" function is set, when it is only one minute left to automatically enter standby mode, the "STANDBY" hint will display on the screen as following:

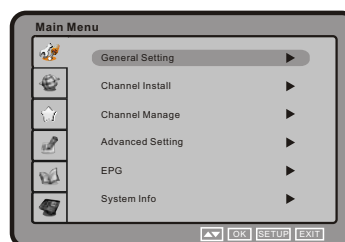
STANDBY: 30S

you can press "OK" or "Exit" to cancel the function, or you can "SLEEP" to adjust the sleep time over again; Certainly, you can press "POWER" to directly make system enter standby mode immediately.

## DTV MENU OPERATION

Press the [DTVSETUP] button, then the Main Menu will be displayed, you can set your preferences in that, such as search channels, edit the channel list or your favorite list, view Programme Guide Information.

It is easy to see that the Main Menu is composed of six parts: General Setting, Channel Install, Channel Manage, Advanced Channel, EPG, System Info.



**Note:** Select different item using the [▲/▼] button, and press [OK] or [▶] to enter it.

### GENERAL SETTING

You can set the base environment of the DTV.

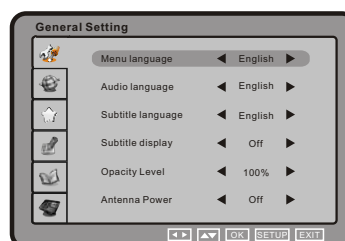
**Menu Language:** Set the default menu language.

**Audio Language:** Set the default audio language.

**Subtitle Language:** Set the default subtitle language.

**Subtitle Display:** Set the default subtitle as show or not.

**Opacity Level:** Set the default menu opacity level.



**Antenna power:** Set the default antenna power turn on or off.

**Note:** When you connect an active antenna to the "RF input" connector, please turn on the antenna power so that the signal quality could be improved.

### CHANNEL SEARCH

You can select the auto search or manual search.

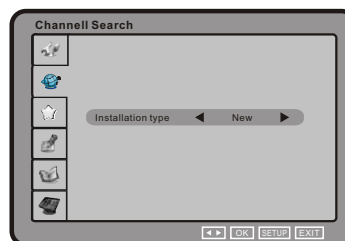


## DTV MENU OPERATION

- **Channel Search**

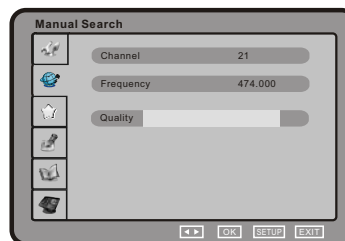
You can set the search mode as new or add.  
Then press [OK] button to confirm it.

**Note:** If the mode is new, will delete the old channel the current frequency.  
If the mode is add, do not delete the old channel the current frequency.



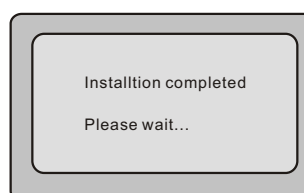
- **Manual Search**

Select the Channel item you can select the frequency by the [◀] or [▶] button.  
Then press [OK] button to search the channel.



- **Search Result**

You can see all TV and Radio channels found while the channel search is in progress.  
A pop-up will indicate you that the automatic installation is finished. This pop-up will disappear automatically after a few seconds.



## DTV MENU OPERATION

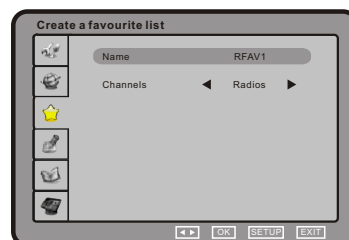
### CHANNEL MANAGE

The Favorite lists menu allows you to create, modify and delete your own favorite lists but not the two default service lists (TV, Radio). Four TV favorite lists and four radio favorite lists can be created.



#### • Create a favourite list

This screen allows you to create a new favorite channels list with selection criteria. The name of the list is set to "FAV x" for TV services and "RFAV x" for Radio.



#### • Modifying a Favourite List

This screen allows you to modify a favourite list. The current favourite list name is displayed on the top of the screen.

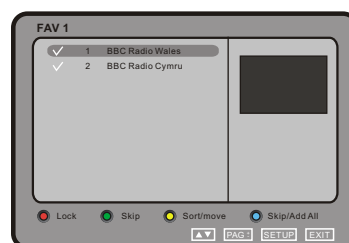
All the channels matching the criteria selected at the creation of the favourite list are listed. Each favourite list has its own channel numbering.

In case of a favourite list, you can lock or unlock a channel, skip or add some channels or all channels. You can also sort the channels by alphabetical order, by providers or manually. All these actions are performed using screen color buttons (RED, GREEN, YELLOW, CYAN).

If the list is the default TV and Radio lists, only the "Lock/Unlock" option is available.

At the top of the list, the favourite list name and type, the provider name are displayed. The last viewed service is displayed in the video window.

**Warning :** The only modification you can make in the two default TV and Radio lists is to lock or unlock a channel.



## DTV MENU OPERATION

### Default TV/Radio lists

On these lists, only the "Lock/unlock" option is available: a press on the [RED] button will lock the highlighted channel if unlock and vice-versa (toggle behavior).

### TV/Radio favourite lists

For all these lists, a few actions are available:

**Add/Skip:** Toggle behavior on the [GREEN] button, in front of the channel list a color icon indicates the status (white for skipped, blue for added).

**Lock/Unlock:** Toggle behavior on the [RED] button, in front of the channel list a color icon indicate the status (red for locked, blue for unlock), this option is only available if channel is added.

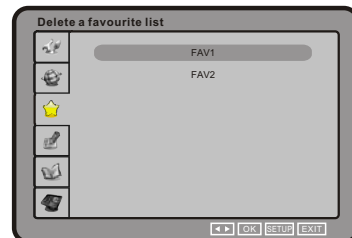
**Sort/Move:** Accessed by a press on the [YELLOW] button. Sort can be made in a few different ways, by alphabetical or by provider. In this screen, the selected services will be sorted and placed at the beginning of the list, and the other (not selected) will be sorted and placed at the end of the list.

Move actions consist in highlighting the channel to move, pressing the [OK] button to select it, moving the cursor to the destination item and pressing the [OK] button to finalize the move operation.

**Add All/Skip All:** accessed by a press on the [CYAN] button. Allows you to generalize the Add or Skip operations to all channels.

- **Delete a favorite list**

This screen allows you to delete a favorite list.



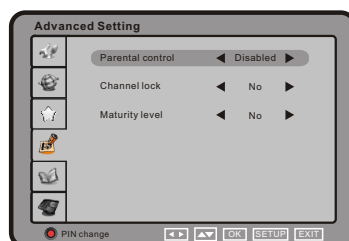
This pop-up allows you to confirm or not the deletion of a favorite list:



## DTV MENU OPERATION

### ADVANCED SETTING

The parental control item allows you to enable or disable the locking management.



- **Parental Control**

If the parental control item is disabled then all the locking are deactivated, If it is enabled then all the locking are applied according to your choice.

- **Channel Lock**

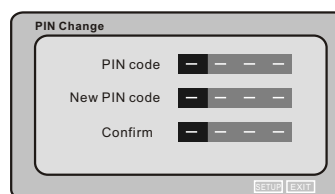
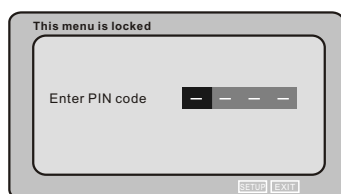
Allows you to lock a specific service (the PIN code is requested when you zap to the locked services). To lock / unlock a service, see "modify a favorite list" ).

- **Maturity Level**

A parental rating (between 1 and 18 years) is available. In this case, all services which are not in the age limits become inaccessible unless enter the PIN code. This parental rating depends of the information forwarded or not by the broadcaster.

**WARNING:** If maturity level access control is activated, all access to timer feature request the PIN code.

A press on red button allows you to modify the PIN code which will be asked when try to access to a protected part defined just above.



The menu to modify PIN code is protected by requesting PIN code access.

The default DTV PIN code (after the " First Time Installation" or " Factory System Reinstallation" ) is " 0000 " .

Then enter the new wanted PIN code, enter it a second time in Confirm item, just to be sure that there is no typing fault.

## DTV MENU OPERATION

### ELECTRONIC PROGRAM GUIDE (EPG)

By pressing the Guide button, an Electronic Program Guide is displayed. The EPG supplies information, such as program lists, start and end times of all available channels. In addition, the detailed information about the program is often available in the EPG. (The availability and the amount of program details will vary depending on the broadcaster.) A press on the [▲/▼] buttons allows you to consult all event pages for the days, a press on the [▼] button when last event of the list is highlighted displays the next event page. A press on the [◀/▶] buttons allows you to change to previous/next day of event presentation. The [CH+/-] or [▲/▼] button allows you to change to another channel in the current channel list.

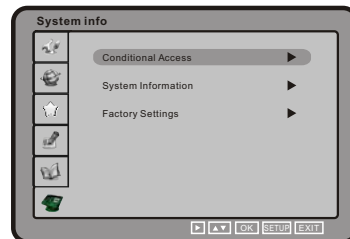


### SYSTEM INFO

#### • Conditional Access

You can view the current status of CI module.

Select "Conditional Access" using the [▲/▼] button and press the [OK] button, if Common Interface is available, you can view the conditional Access information.



**Note1:** CAM also called CA-module (CA=Conditional Access) or CI-module (CI=Common Interface). Is used together with a Smart Card to decode and view the content of certain program providers. Can be purchased from your dealer or from the program provider/operator.

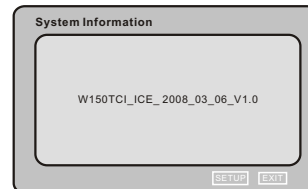
**Note2:** Scrambled transmissions: the content or some parts of the content transmitted in the terrestrial network may be scrambled. For this DTV is equipped with PCMCIA CARD slots to connect the de-scrambling modules (Conditional Access Modules). Module, smart-card and subscription may be obtained from your local dealer or directly from the service provider.



## DTV MENU OPERATION

### • System Information

This screen gives you some information about the DTV (Device Version and Software Version).

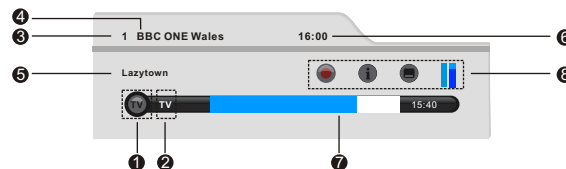


### • Factory Settings

This acknowledge pop-up allows you to erase all the custom parameters. If it is confirmed, all services lists and user preferences are deleted and the DTV restarts as for a "First Time installation".



## PROGRAM INFORMATION



At the end of the first installation or after the validation of a service in the service selector, the DTV turns into viewing mode. This mode is also called "TV/radio mode" according to the selected channel (TV or Radio).

After each channel change or after a press on the [INFO] button, a banner is displayed at the bottom of the screen for a few seconds, including service type (1), current list (2), channel number in the list (3), channel name (4), event name (5), current time (6), event duration bargraph with start and stop times (7) as well as specific icons relative to the service properties (8) (from left to right : maturity level, extended event information / teletext presence / service locked / multitrack audio / scrambled program / Subtitle presence).

Information about present and following events of the current service are available. By default, the present event is displayed. The following event is displayed by pressing the [◀/▶] buttons (toggle between present and following events).

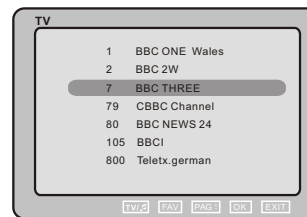
## DTV MENU OPERATION

The Channel selector is activated by a press on the OK button while in viewing mode. This screen presents the channels of the current default/favourite lists. When selecting a channel of this list with the OK button, the DTV changes the video background accordingly. When you press the OK button on the selected service, the DTV switches to viewing mode and changes the selected channel accordingly. Zapping can also be done by entering channel number using digit keys.

The channel list is displayed and is automatically removed from the screen after few seconds.

The screen below corresponds to the TV list.

You can toggle from TV lists to Radio lists using the [TV/R] button and between different TV lists using [FAVORITE] button.



### MHEG5

If your chosen channel has MHEG5 features, you can access them. Teletext services often load automatically shortly after the Digital Teletext window is displayed. In which case, simply follow the given instructions (press color buttons).

1. Press [TEXT] or [RED] button to access MHEG5 features.
2. Press [TEXT] or [RED] button again to return to normal viewing.
3. Press the [CH+/-] button to exit this service.



## TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart before contacting maintenance personnel.

### DISPLAY TROUBLESHOOTING

Symptom	Causes and Correction
Black screen, power indicator light off	◆ Check whether the power cord is well connected, and whether this unit is powered on
	◆ Check whether the signal cord of input device is well connected
	◆ Check whether input device is powered on
Image display flicker, unstable	◆ Check whether the input device signal is in this unit's specification
	◆ Check computer output mode: control panel-display-setup
	◆ If the setup does not accord with this unit's specification, please change the display setup
	◆ Horizontal scanning frequency: 30kHz~75kHz ◆ Vertical scanning frequency: 50 Hz~75Hz ◆ Max display mode: 1024X768@75 Hz

### SOUND AND TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	◆ Please make sure the power cord is correctly connected
No sound	◆ Please make sure the audio cord is correctly connected
	◆ Check volume
	◆ Make sure there is nothing plugged into the headphone jack
Volume too low	◆ Check volume
	◆ If volume is still too low when adjusting volume to maximum, please check whether the input device is correctly
Snowy picture	◆ Please make sure the antenna is well connected
Remote control failure	◆ Check whether remote control battery is full charged
	◆ Whether battery installation is correct
	◆ Whether obstacles exist between remote control and the unit's receiving window
	◆ Check whether receiving window has strong light
Unstable image or abnormal picture color	◆ Correct the TV set settings
	◆ Reset the TV set to default setting

## SPECIFICATIONS

Panel	Type Class Size Display Size (mm) Pixel Pitch (mm) Response time (ms) Brightness (Cd/m <sup>2</sup> ) Contrast ratio Viewing Angle (H) Viewing Angle (V) Panel Life (Hours)	TFT color II (ISO 13406-2) 15" 304.1 (H) x 228.0(V) 0.297 (H) x 0.297 (V) 16 250 450:1 120 100 50 000
Frequency	Vertical Horizontal Display Color	50 Hz – 75 Hz 30kHz – 75 kHz 16.7 M
Display Mode	Optimum Mode	1024x768; 75 Hz
Inputs	Video Composite VGA SCART Audio Stereo	1 1 1 1
Outputs	Audio Headphone Digital Coaxial	1 1
Color Systems	TV tuner Video inputs	PAL, SECAM PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL60
Sound Systems	TV tuner	DK, I, BG, L
Power adapter	Input	~ 100 V – 240 V; 50/60 Hz
	Output	= 12 V, 4.5 A
Power	Normal Standby mode	35 W Less than 3w
Environmental Consideration	Operating Temperature Operating Humidity Storage Temperature Storage Humidity	+5°C...+35 °C 10% – 80% –20°C...+45 °C 5% – 95%
DTV	Input connector Frequency range (VHF/UHF) Channel range(VHF/UHF)	IEC-Type, IEC 169-2, Female 174MHz~858MHz 7 & 8 Mhz
Dimensions ( W xH xD )	438.7 mm x163.1 mm x295.7 mm	
Net Weight	3.7 kg	

- These items are depended on the TFT panel, Design and specification are subject to change without notice.

## DISPLAY MODE

SUPPORTED PC INPUT MODE				
Resolution	Hor scanning frequency (KHz)	Ver scanning frequency (Hz )	Pixel frequency (MHz)	Format
640×350	31.5	70.0	25.17	DOS
720×400	31.5	70.0	28.32	DOS
640×480	31.5	60.0	25.18	DOS
640×480	37.9	72.0	31.50	VESA
640×480	37.5	75.0	31.50	VESA
800×600	35.1	56.2	36.00	VESA
800×600	37.9	60.0	40.00	VESA
800×600	48.1	72.0	50.00	VESA
800×600	46.9	75.0	49.50	VESA
1024×768	48.4	60.0	65.00	VESA
1024×768	56.5	70.11	75.00	VESA
1024×768	60.0	75.0	78.75	VESA

### NOTES

- This product does not support the display mode not listed above. In order to achieve the best display effect, please select the above-listed 12 display modes input signal.
- Because of the difference of display card output signal (especially non-standard signal output), the display image may appear little disturbance which can be adjusted through "AUTO CONFIG" in the "PICTURE" menu by users.
- To prolong this unit's service life, you are suggested to use power management function of computer.

## DISPLAY MODE

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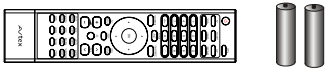
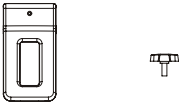

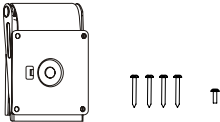
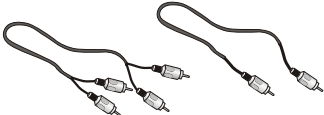

SUPPORTED VIDEO INPUT MODE			
Format	Hor scanning frequency ( KHZ)	Ver scanning frequency (HZ)	Vert scantype
720X480	31.5	60	480P
720X480	15.6	60	480i
720X576	31.2	50	576P
720X576	15.6	50	576i

### NOTE

Specifications and designs are subject to change without notice.

# ACCESSORIES

Please check the following accessories.

 User manual	 Remote control and battery
 Kickstand Kit	 Power adapter
 Wall Mount Holder Kit (optional)	 AV cord
 Automotive Power socket adapter	